



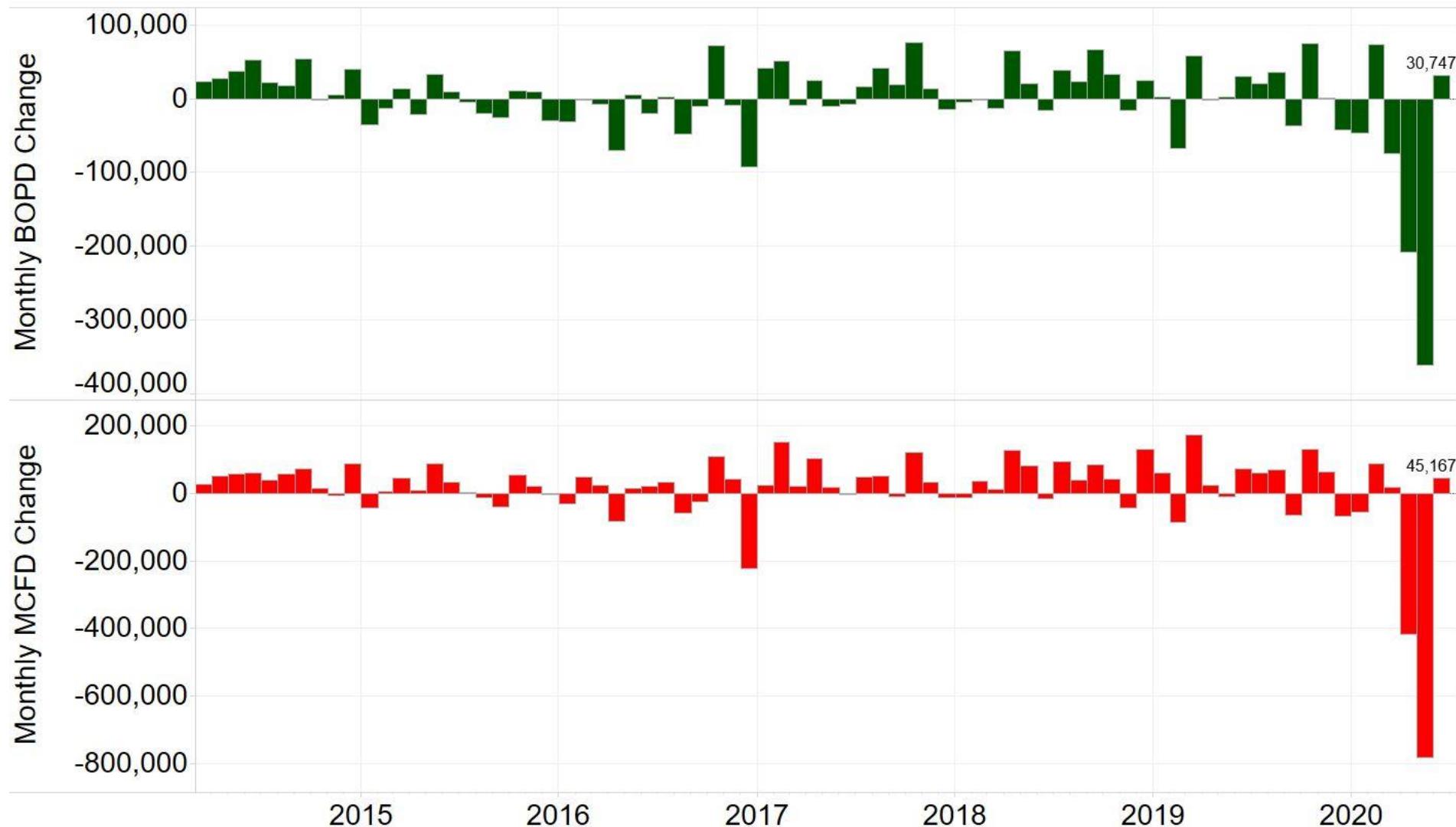
**August 2020 Monthly Update  
North Dakota Pipeline Authority  
Justin J. Kringstad  
August 14, 2020**

# US Williston Basin Oil Production - 2020

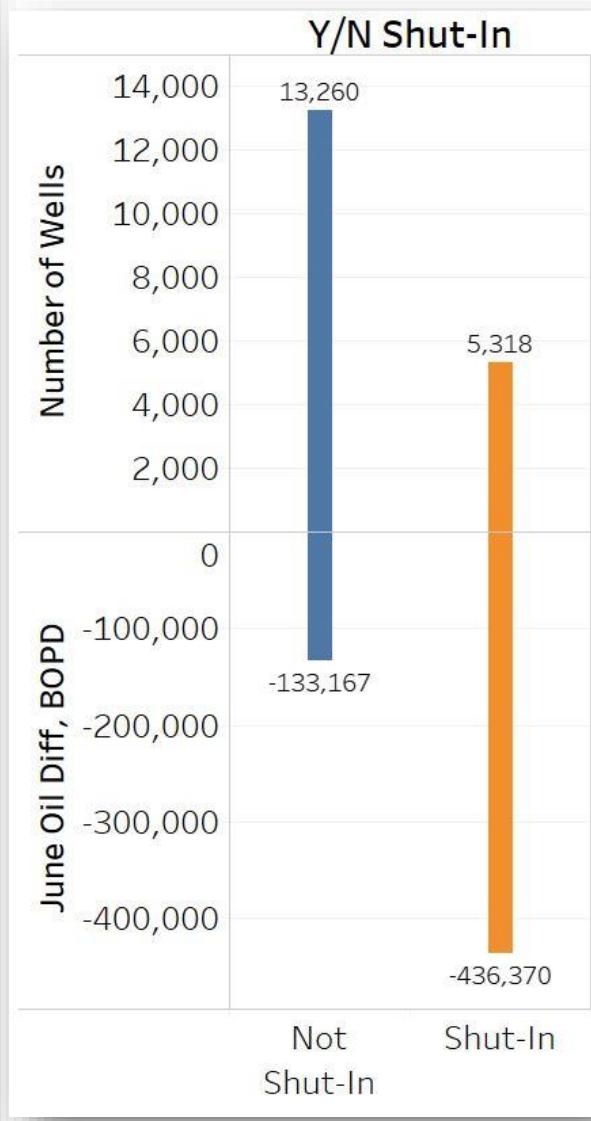
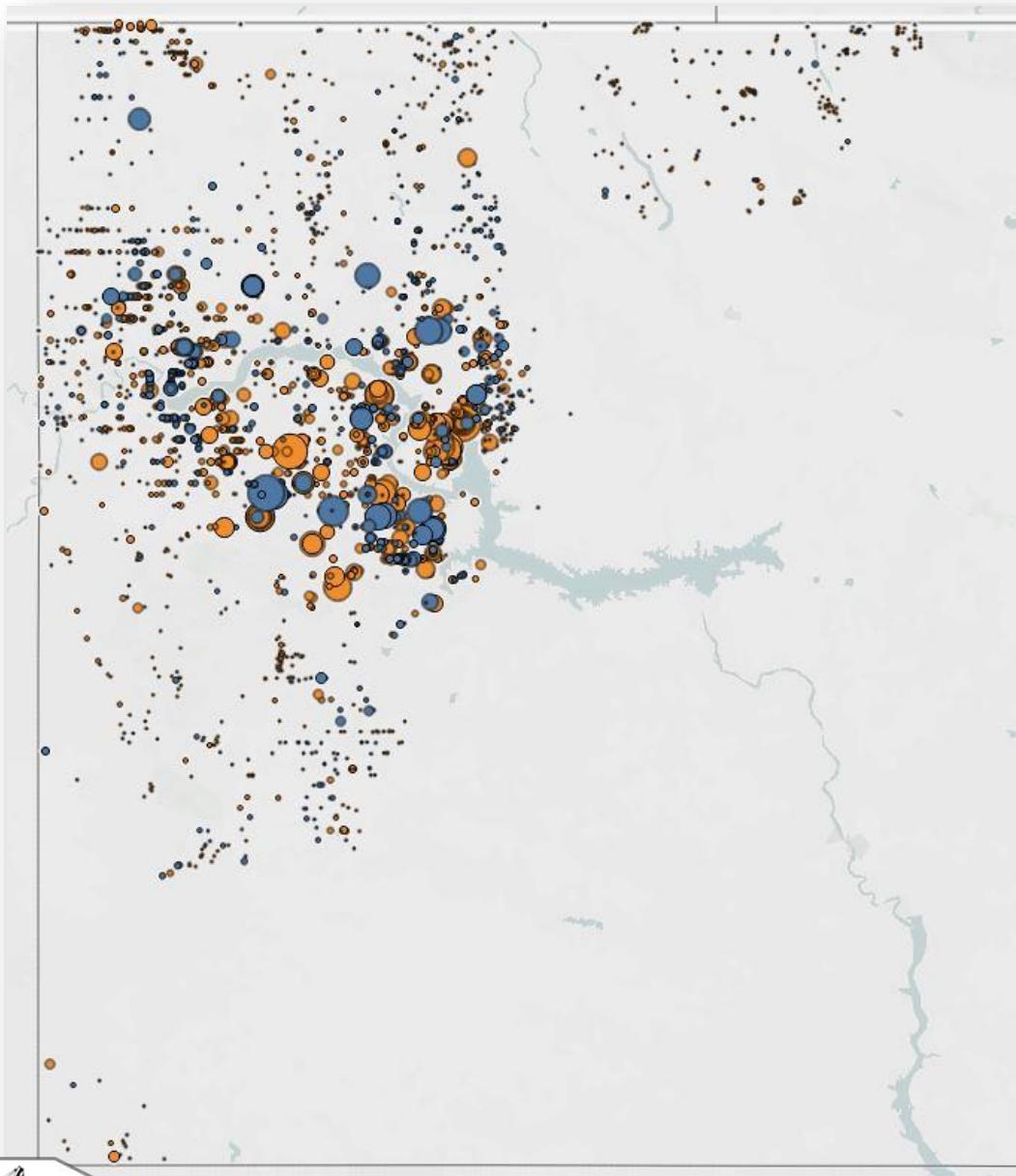
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,430,521	57,396	3,091	1,491,007
February	1,503,591	55,354	3,070	1,562,015
March	1,429,501	57,677	2,946	1,490,124
April	1,221,019	49,014	2,610	1,272,643
May	859,362	36,983	2,466	898,811
June	890,109			
July				
August				
September				
October				
November				
December				



# Monthly Production Change

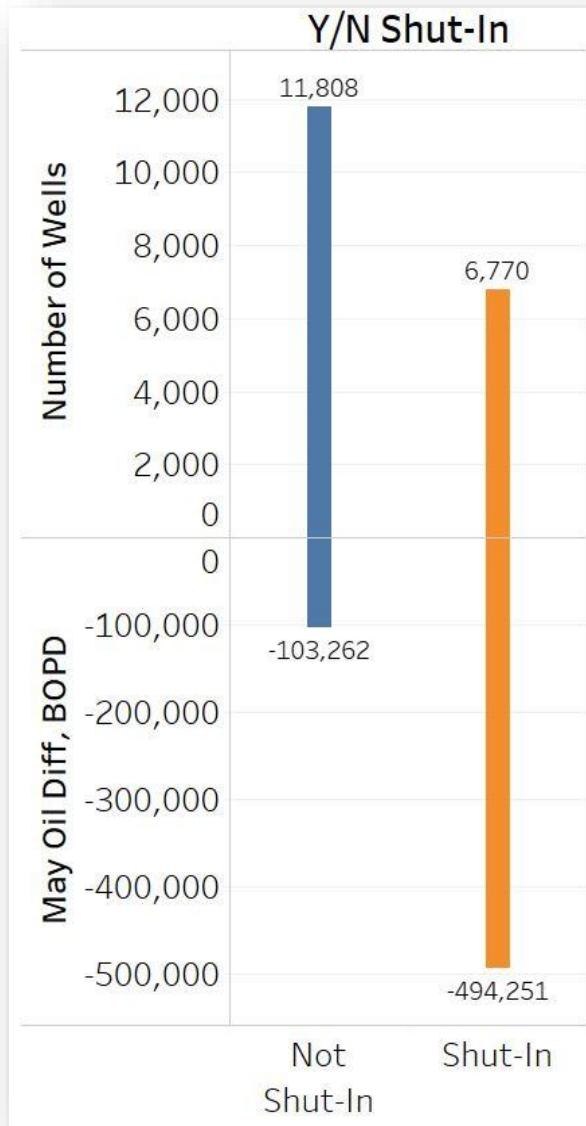


# March to June 75+% M-O-M Oil Drop

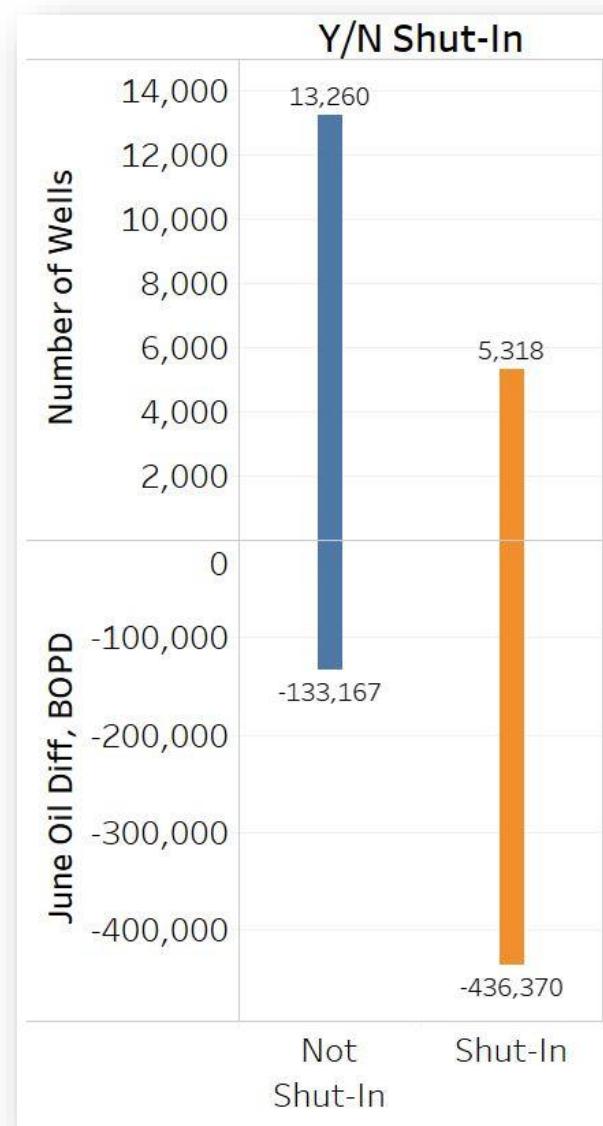


# May & June Comparison

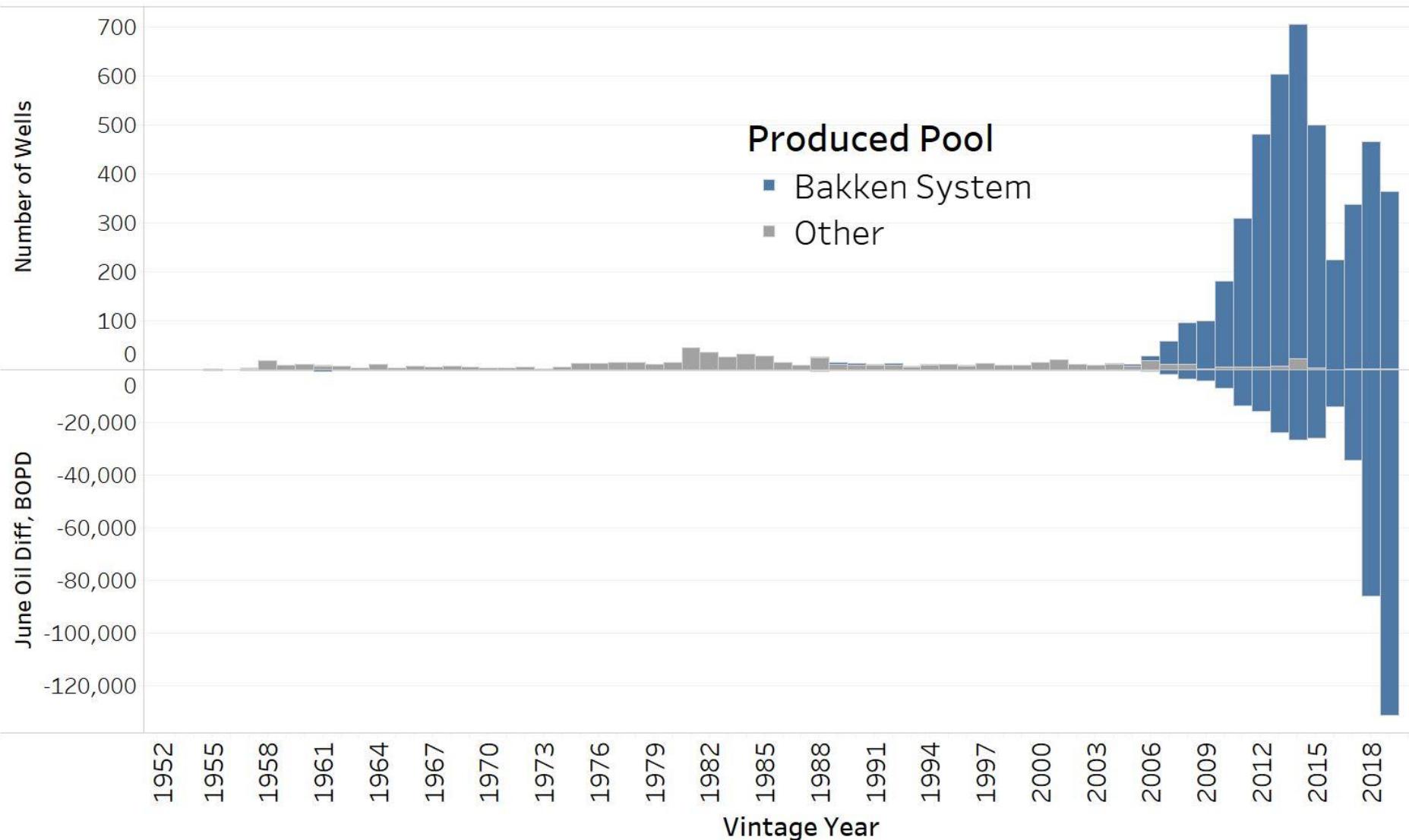
May 2020



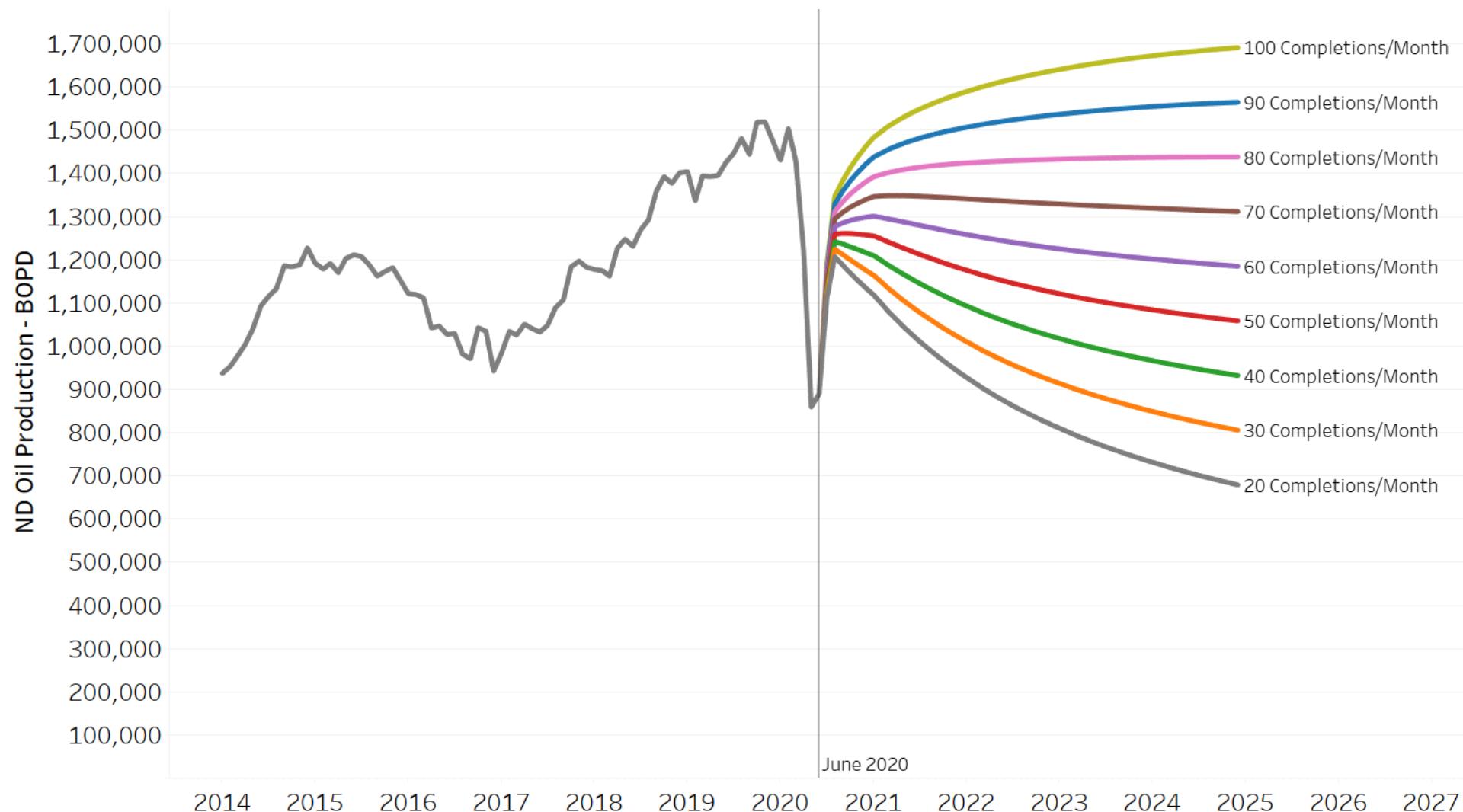
June 2020



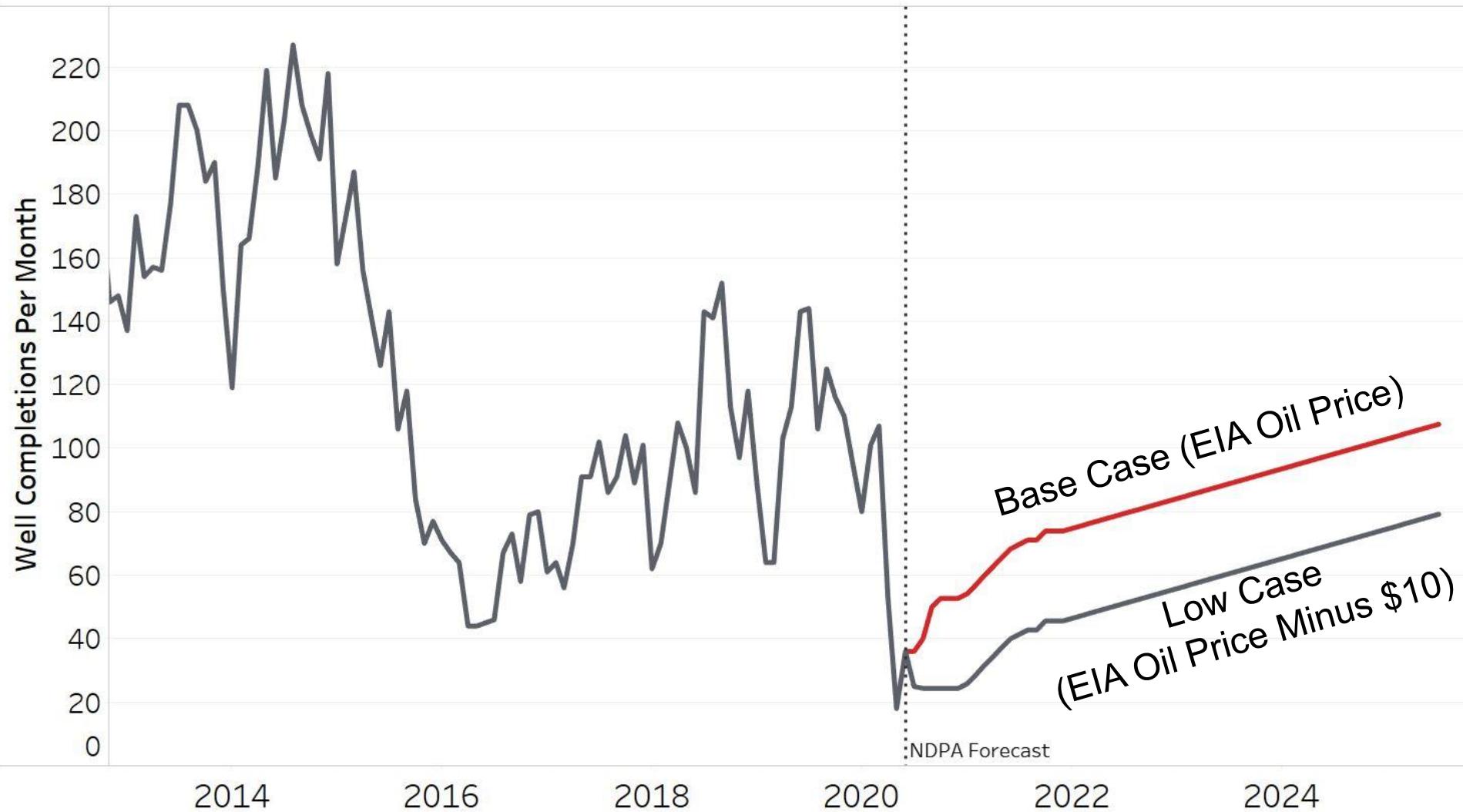
# Vintage Year of Shut-In Wells – June 2020



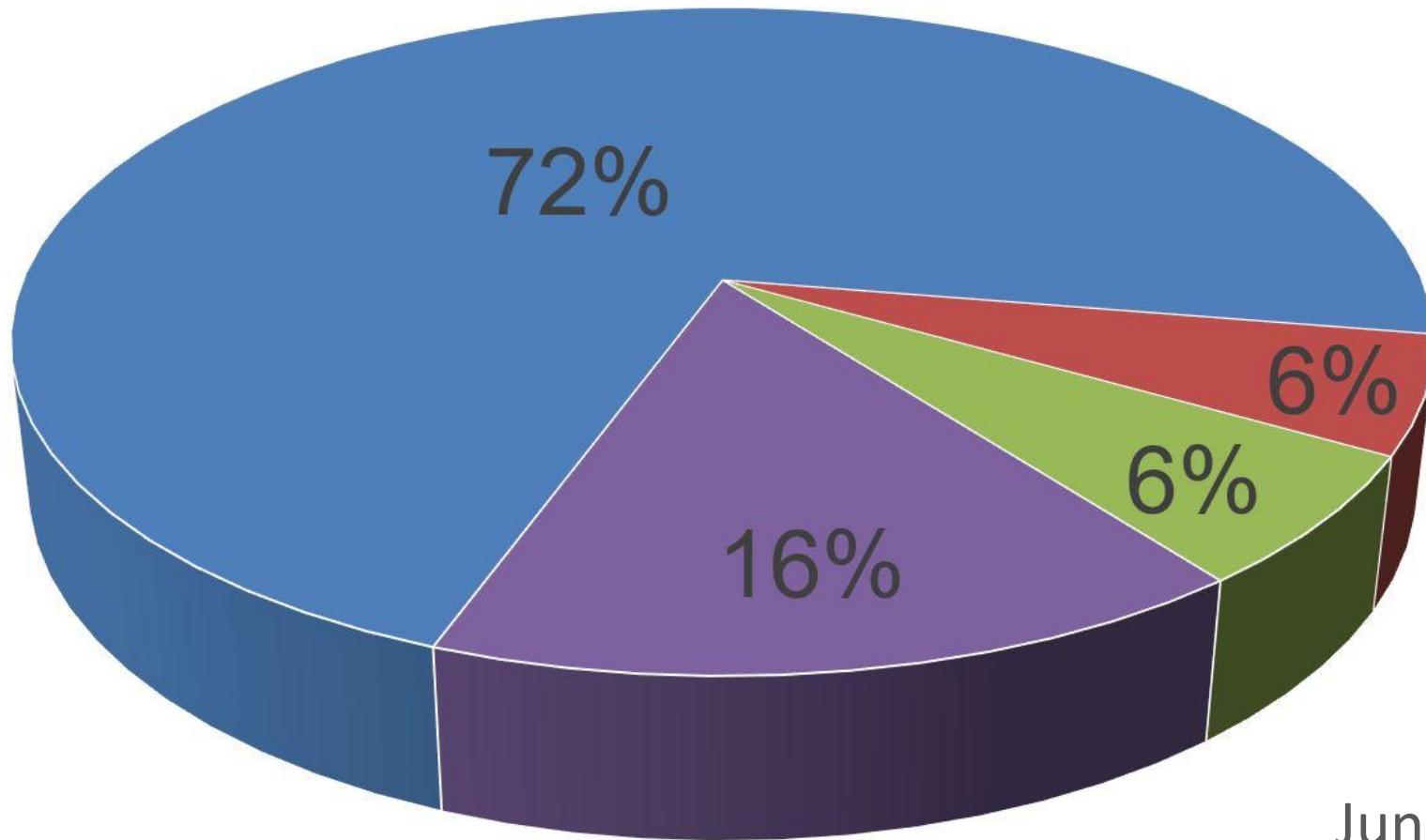
# Monthly Completion Scenarios



# North Dakota Completions



# Estimated Williston Basin Oil Transportation



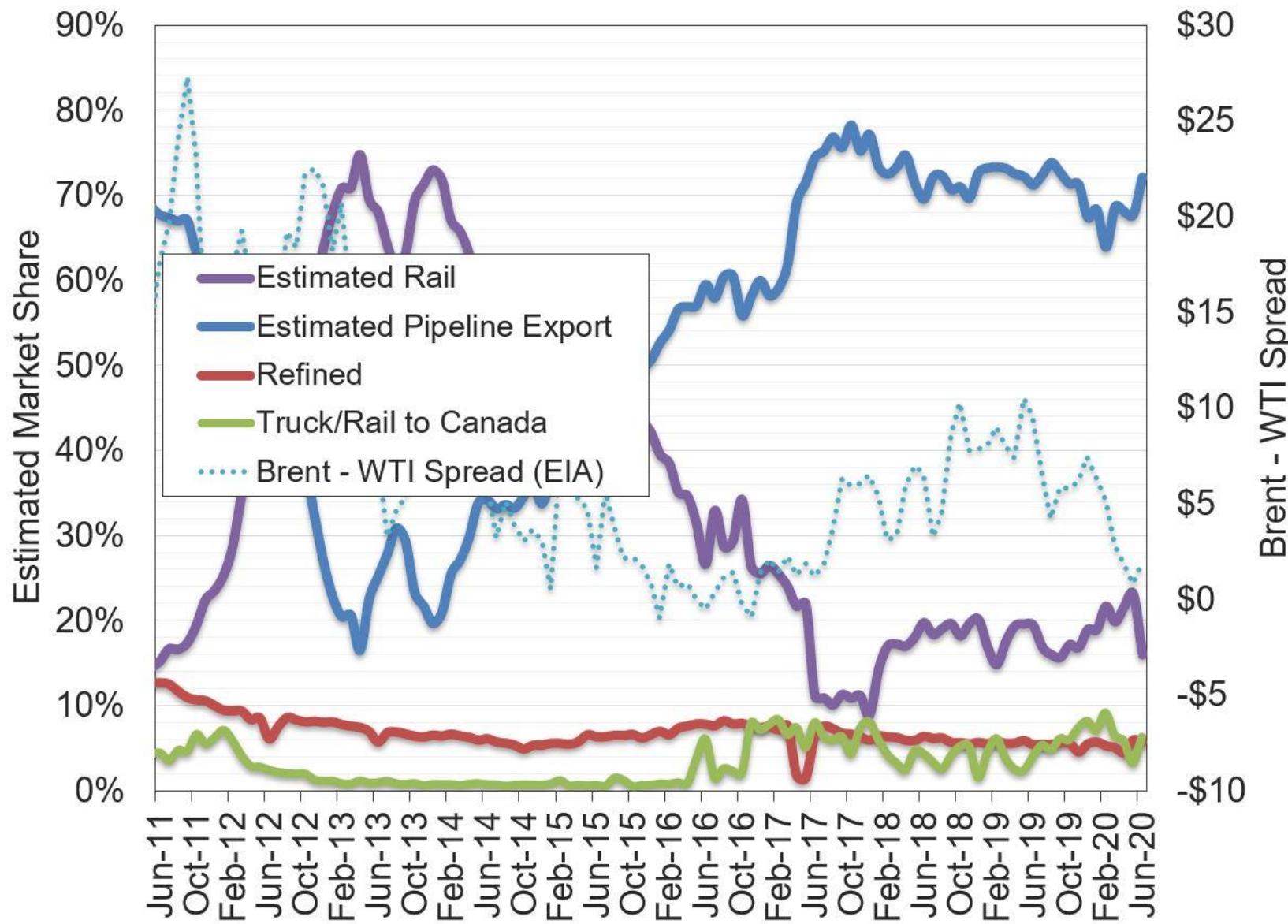
June 2020

- Pipeline Export
- Truck/Rail to Canada

- Refined
- Estimated Rail



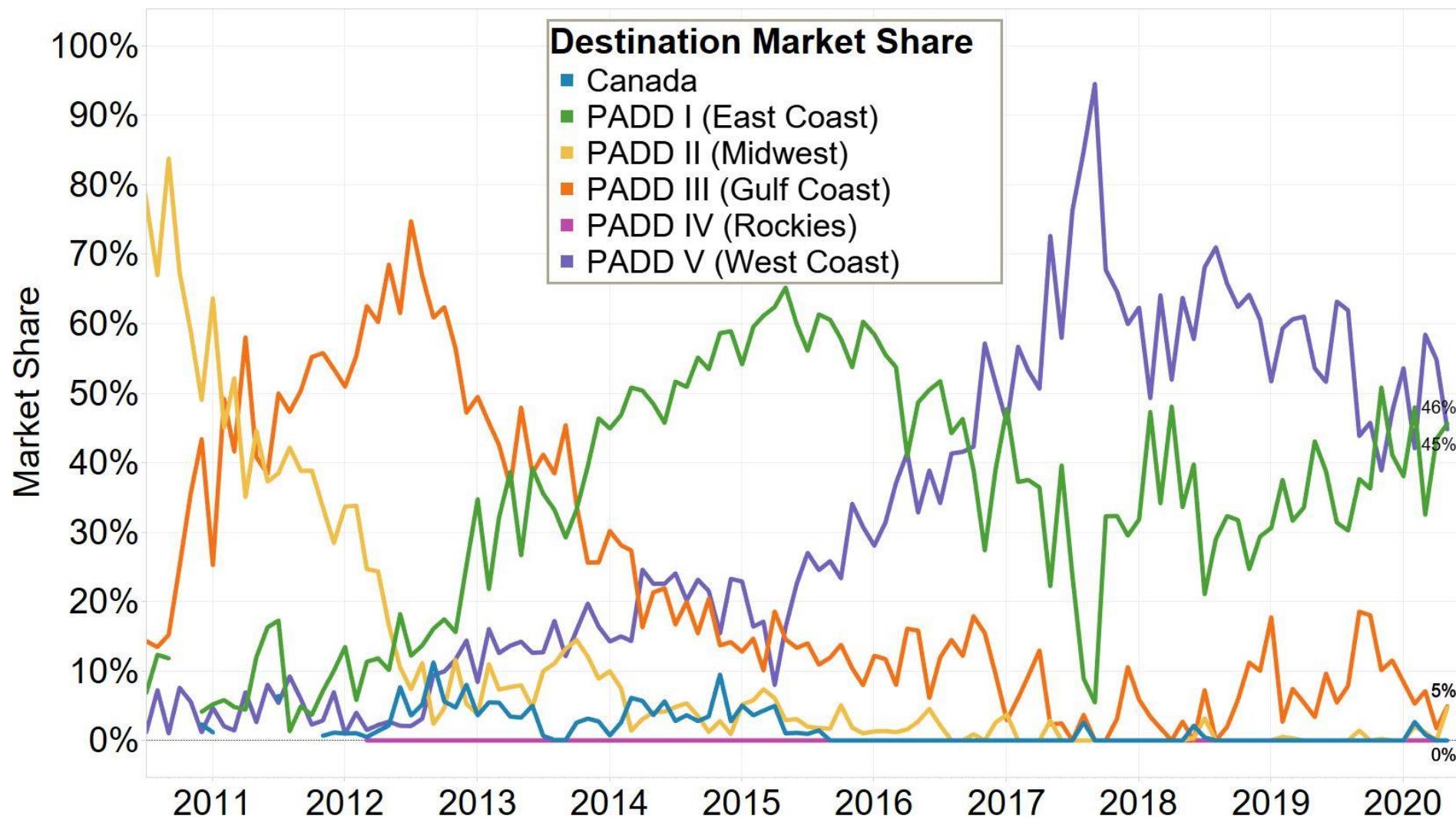
# Estimated Williston Basin Oil Transportation



# Estimated ND Rail Export Volumes



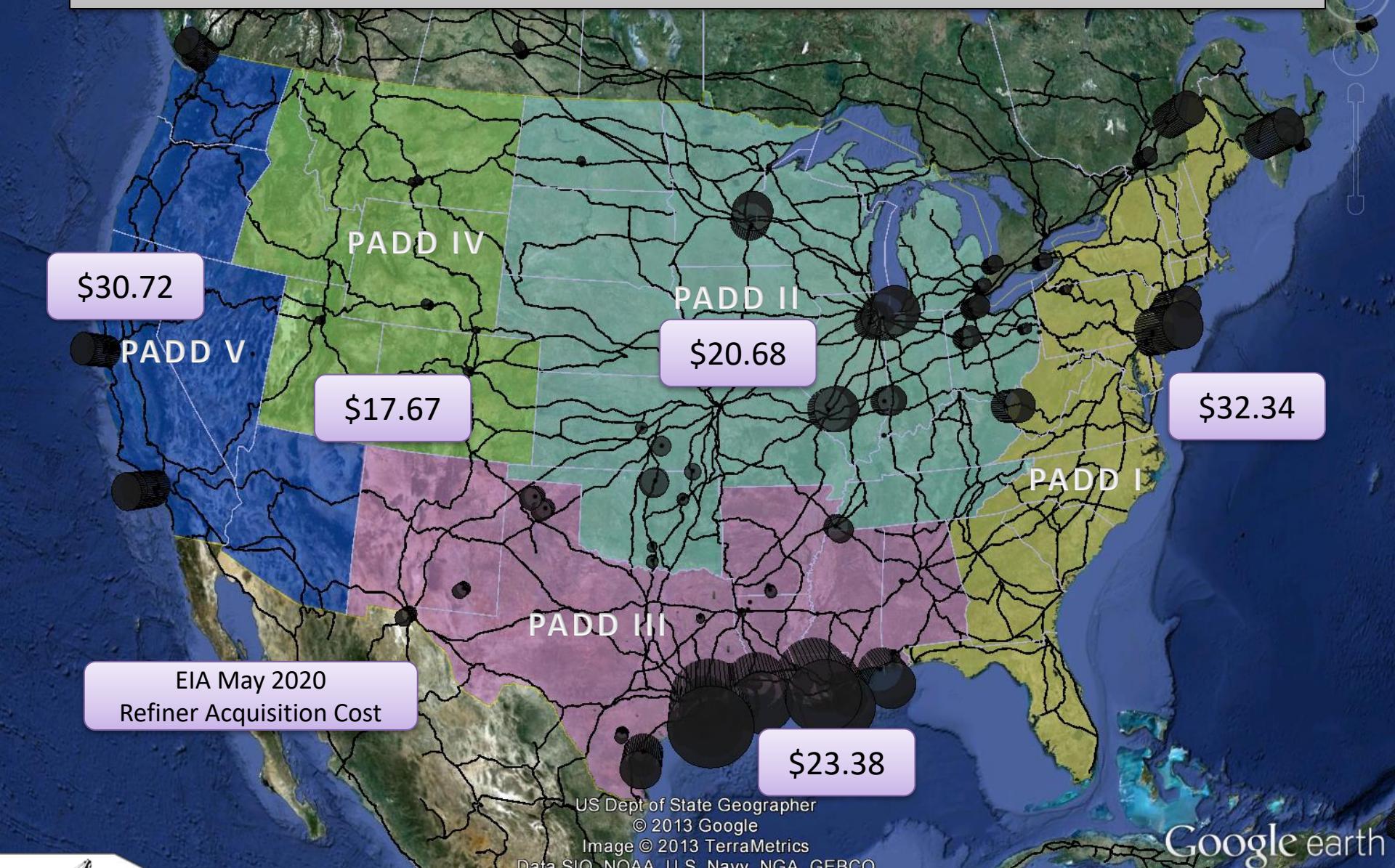
# Rail Destinations Market Share (May 2020)



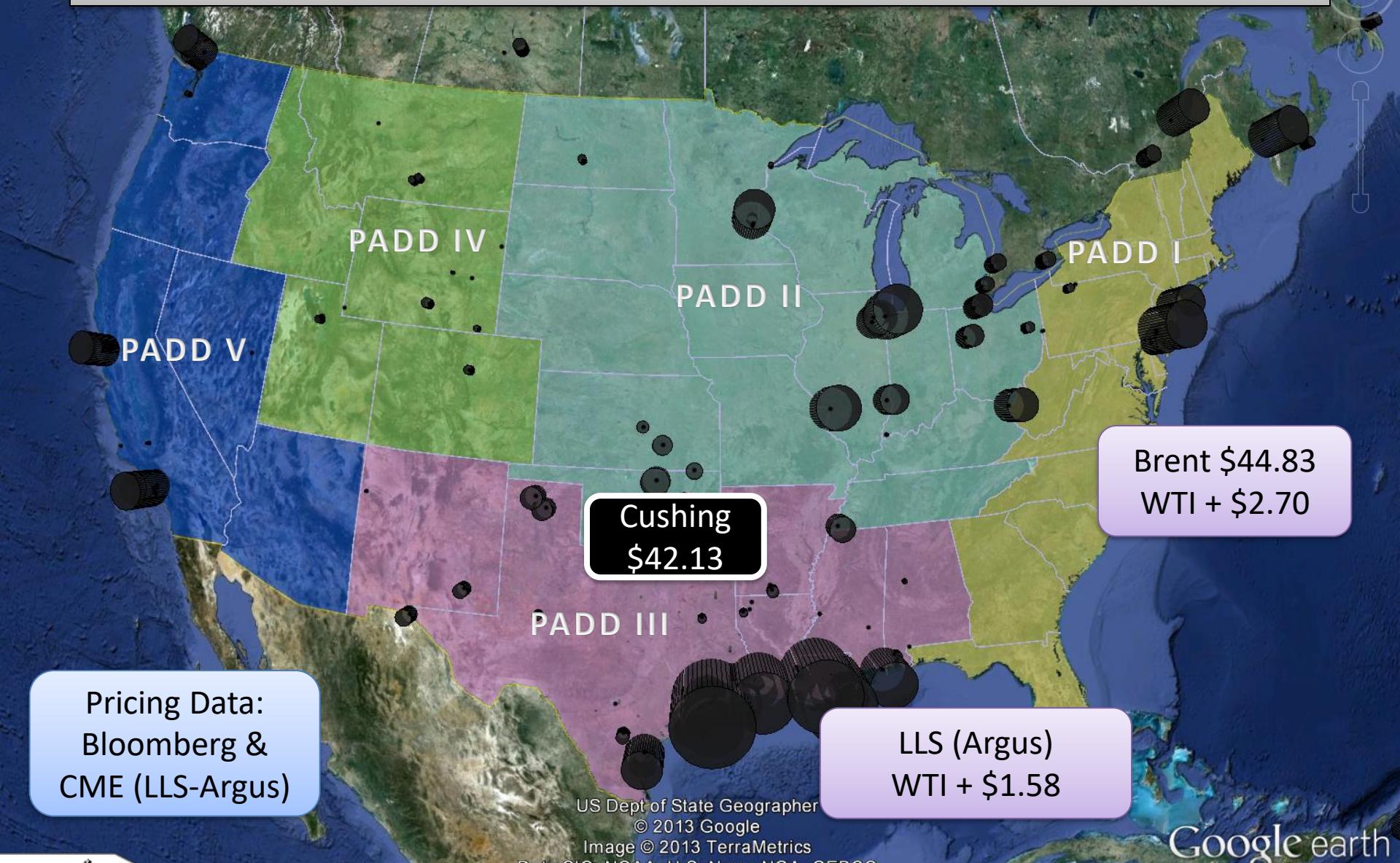
*Data for Rail Destination Market Share Provided by the US Energy Information Administration*



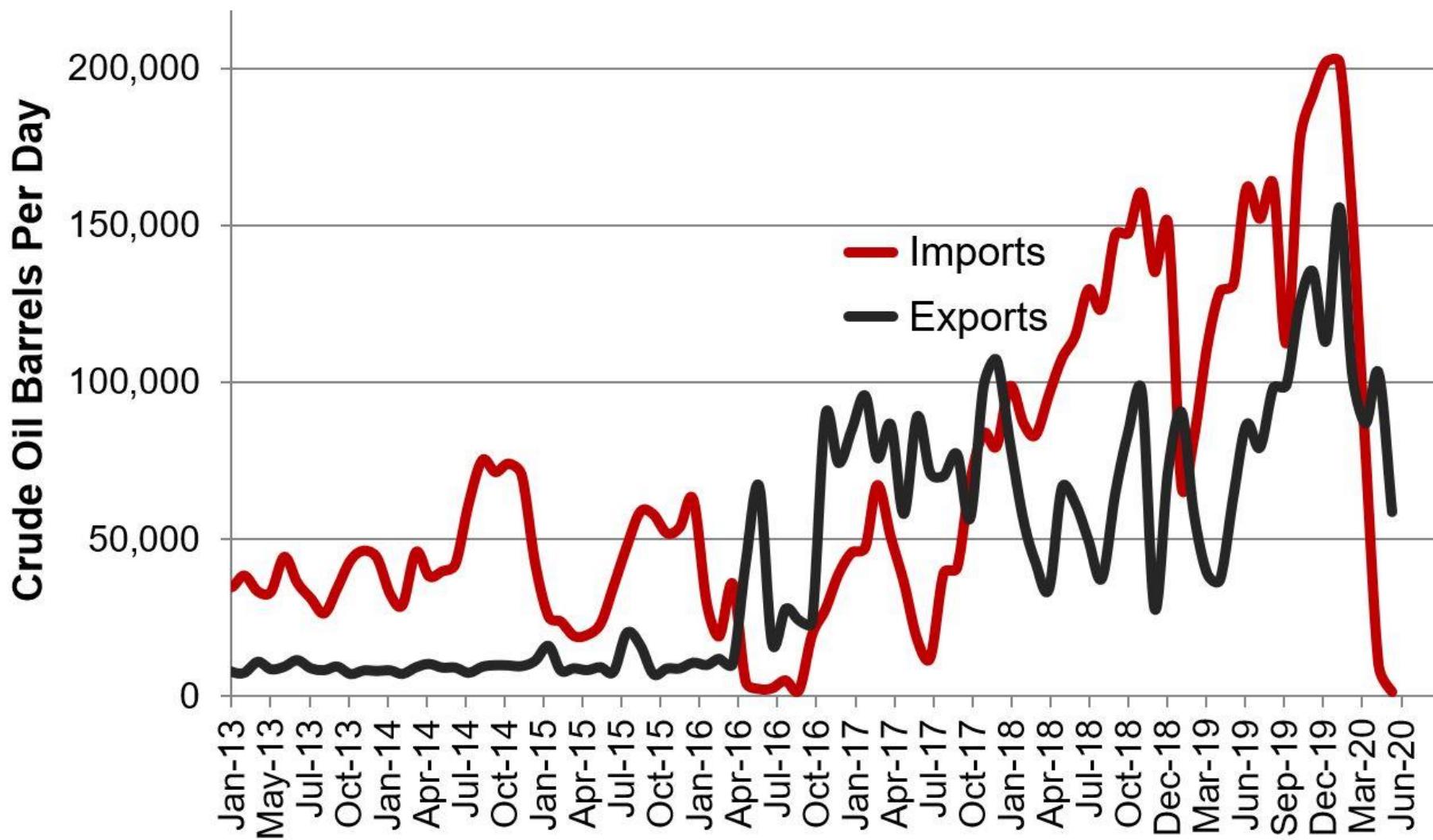
# Major Rail Lines and Refineries



# Crude Oil Prices – August 14, 2020



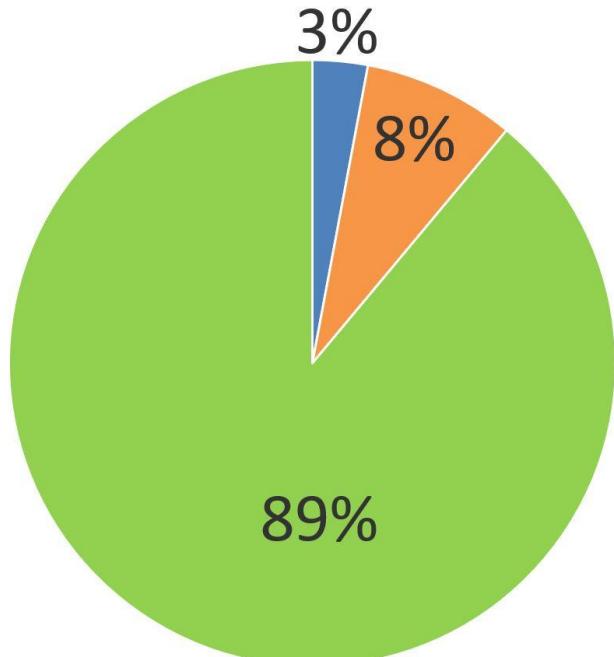
# Williston Basin Truck/Rail Imports and Exports with Canada



*Data for imports/exports chart is provided by the US International Trade Commission and represents traffic across US/Canada border in the Williston Basin area.*



# Solving the Flaring Challenge



**GREEN** – % of gas captured and sold  
**Blue** – % flared from zero sales wells  
**Orange** – % flared from wells with at least one mcf sold.

## Simple Terms

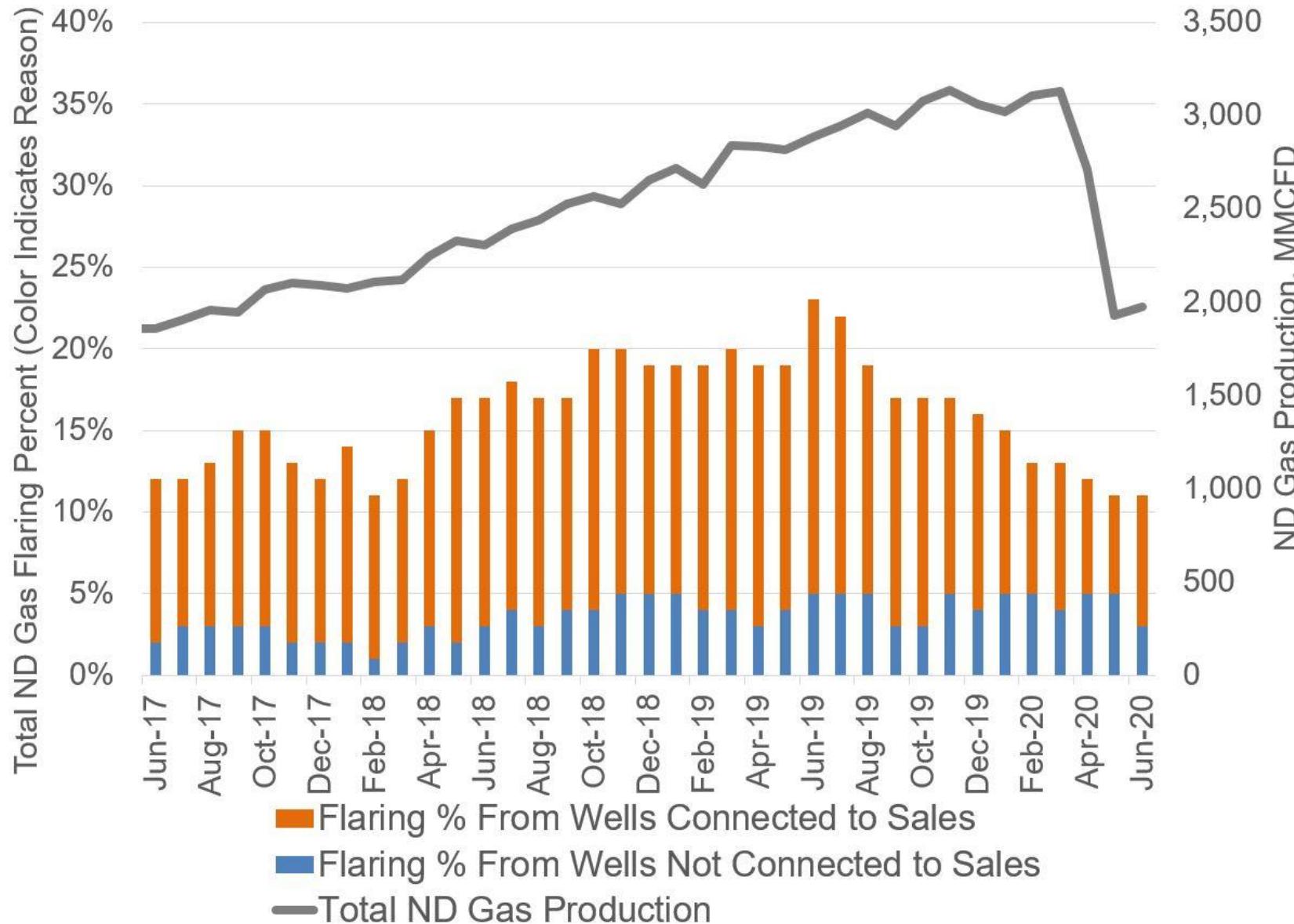
**Blue** – Lack of pipelines  
**Orange** – Challenges on existing infrastructure

Statewide

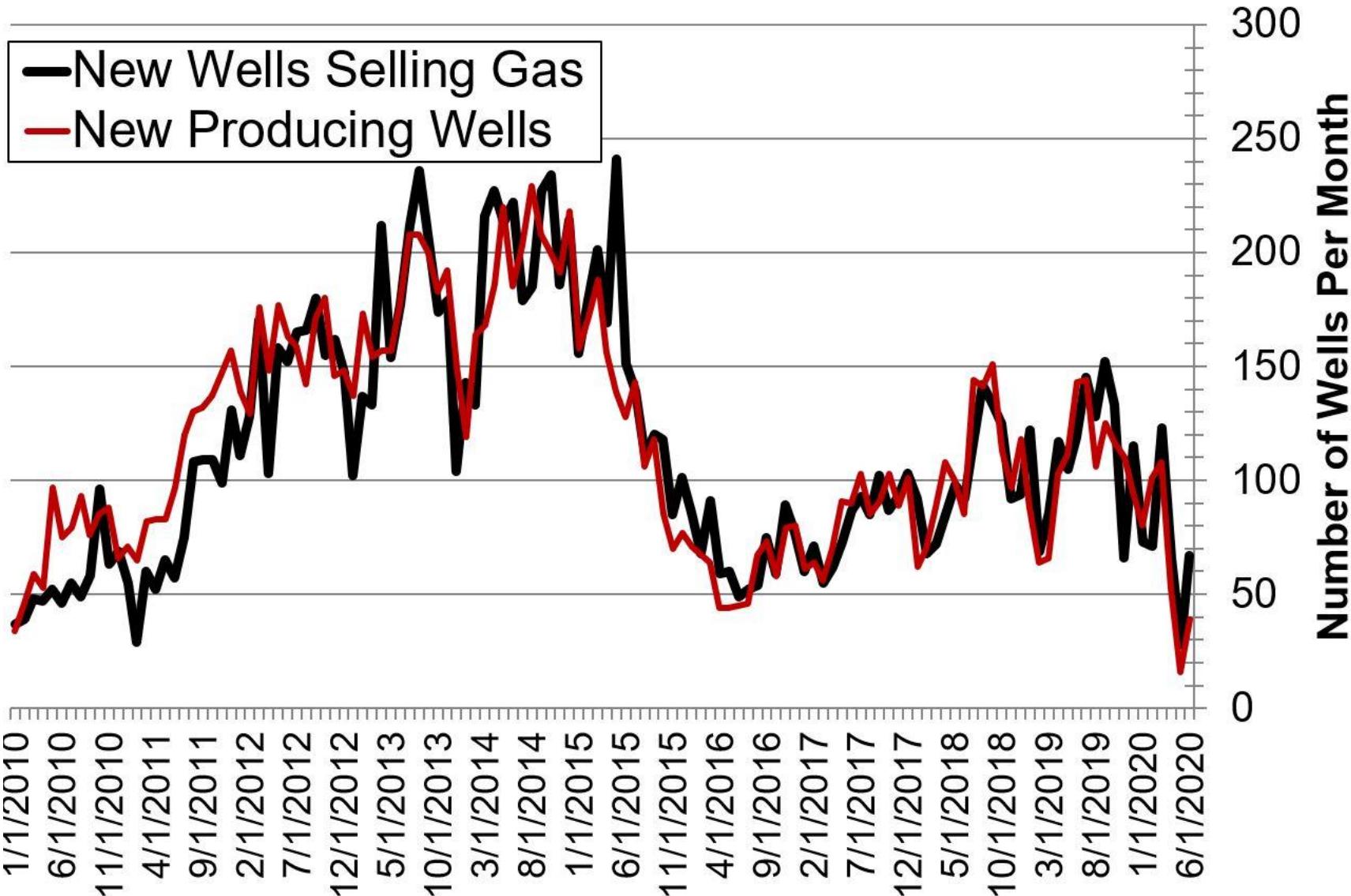
June 2020 Data – Non-Confidential Wells



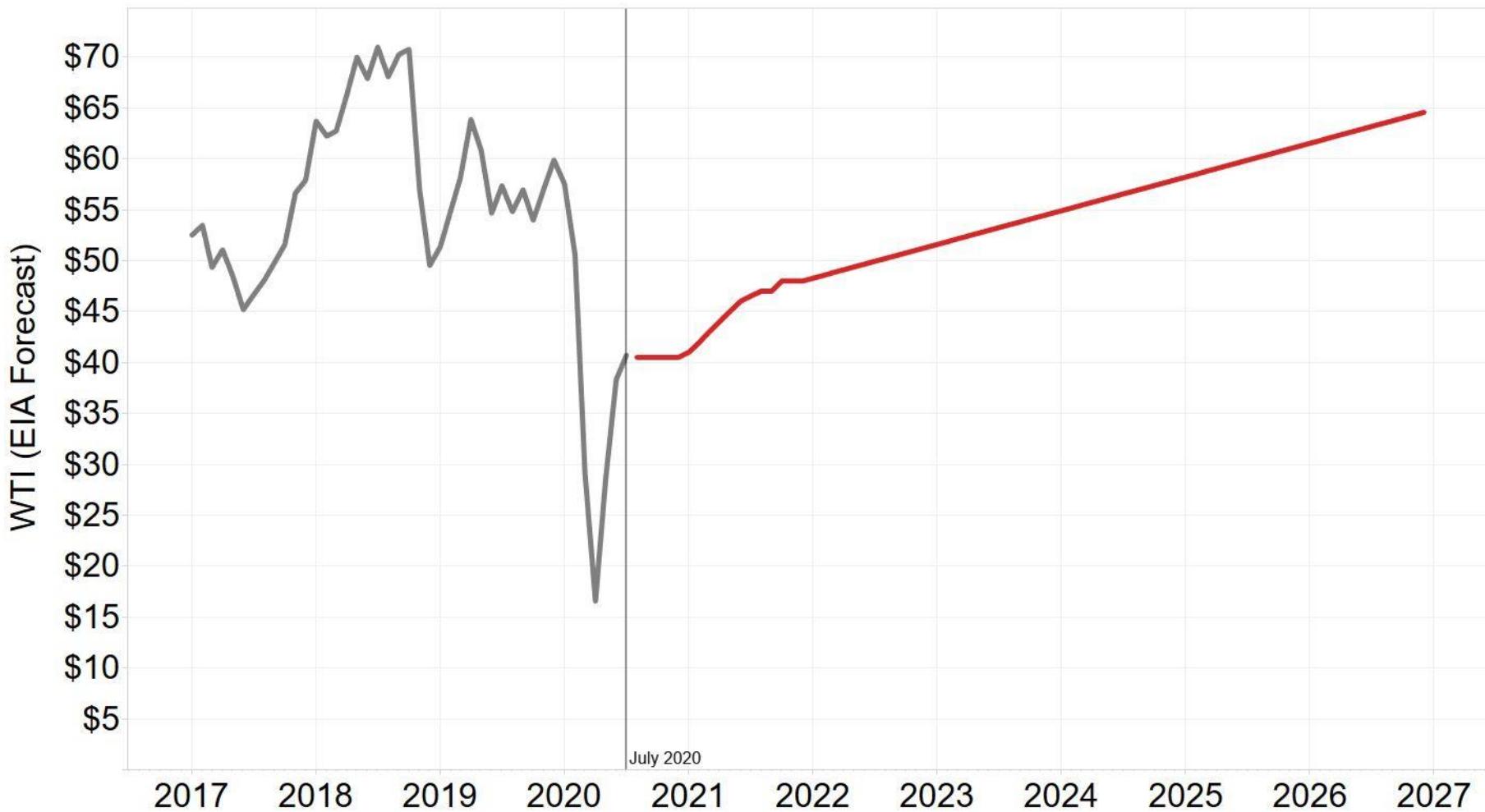
# Solving the Flaring Challenge



# Solving the Flaring Challenge



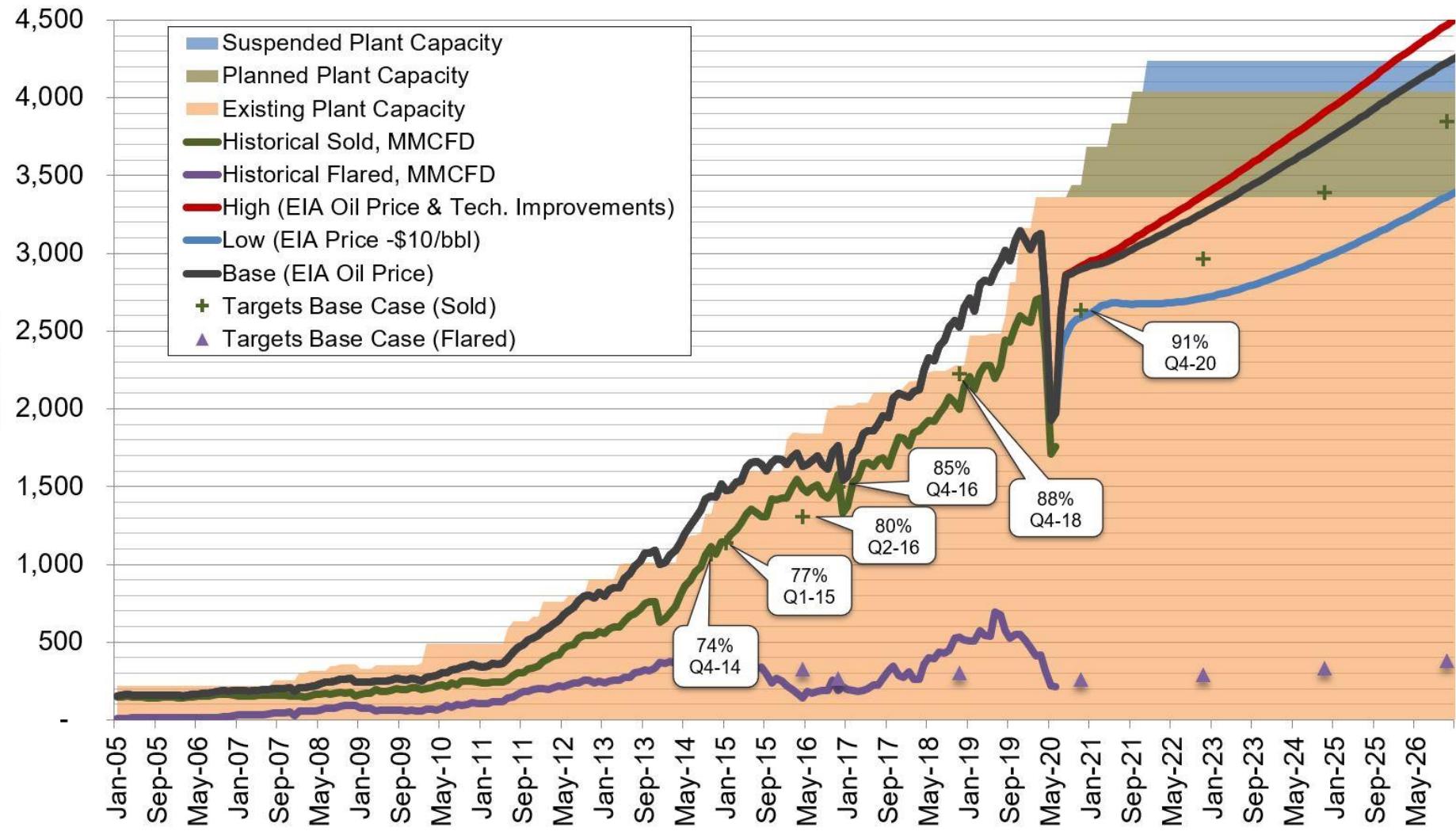
# EIA Oil Price Forecast\*



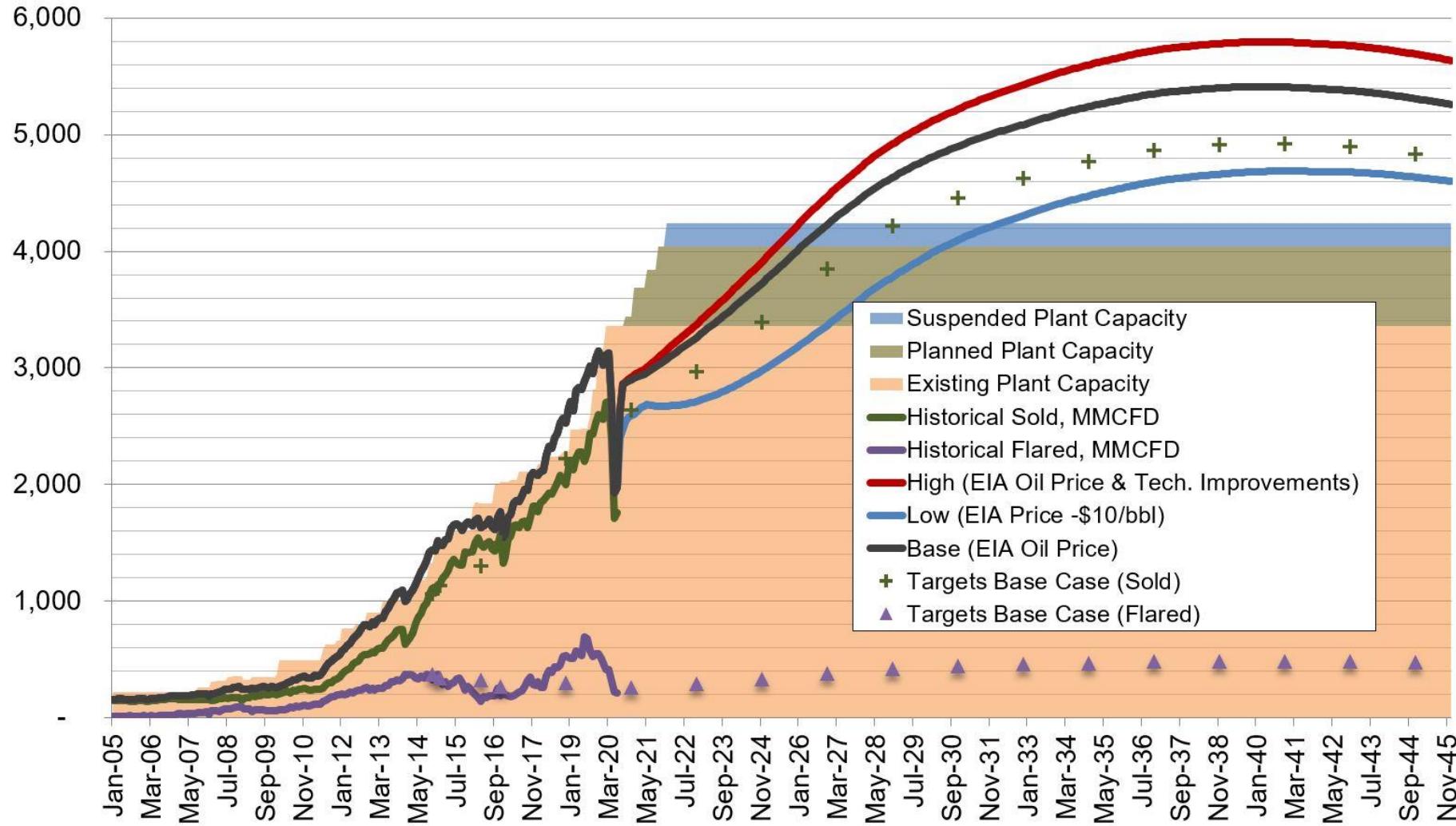
\*EIA August 2020 SEO and January 2020 AEO Blend



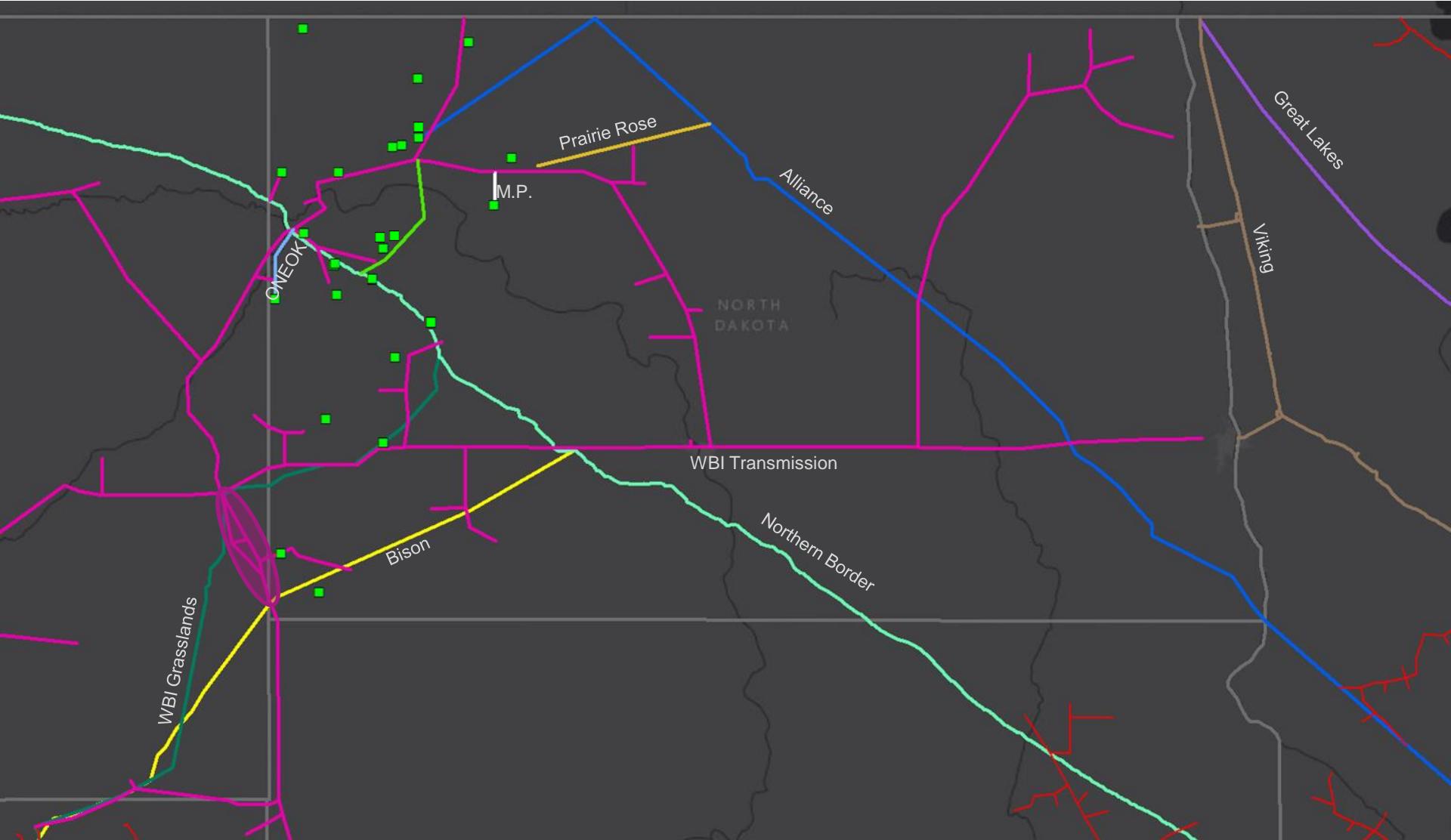
# Solving the Flaring Challenge



# Solving the Flaring Challenge



# Major Gas Pipeline and Processing Infrastructure



# Contact Information

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**Know what's below.  
Call before you dig.**



JJ Kringstad - North Dakota Pipeline Authority

Websites:

[www.pipeline.nd.gov](http://www.pipeline.nd.gov)

[www.northdakotapipelines.com](http://www.northdakotapipelines.com)

